

123103  
7364 U.S. PTO

EXPRESS MAIL NO:

S V 316 335 291 US

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	GP-175-26-US
First Inventor	WANG, Niniane et al.
Title	Methods and Systems for Regulating Resource Usage
Express Mail Label No.	EV 316 335 291 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 29]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 2 ]

5. Oath or Declaration [Total Sheets 1]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  Paper  
c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. 3.73(b) Statement  Power of (when there is an assignee) Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Declaration Under 37CFR 1.41(c)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)  
Prior application information: Examiner \_\_\_\_\_ of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number \_\_\_\_\_ OR  Correspondence address below

Name	Kilpatrick Stockton LLP				
Address	1001 West Fourth Street				
City	Winston-Salem	State	North Carolina	Zip Code	27101-2400
Country	United States	Telephone	(336) 607-7300	Fax	(336) 607-7500

Name (Print/Type)	Goran P. Stojkovich		Registration No. (Attorney/Agent)	45,841
Signature	<i>Goran P. Stojkovich</i>		Date	December 31, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

16834 U.S. PTO  
10/17/2003

123103

## EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. : EV 316 335 291 US

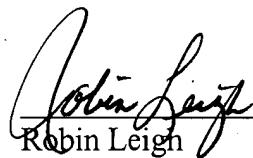
Applicant(s) : WANG, Niniane et al.

Filing Date : Herewith

Title: Methods and Systems for Regulating Resource Usage

Type of Document(s) : Express Mail Certificate;  
Utility Patent Application Transmittal;  
Fee Transmittal for FY 2004 (in duplicate);  
Specification (29 Pages);  
Drawings: 2 Sheets; Figures 1 - 2);  
Transmittal of Application Under 37 CFR 1.41(c);  
Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i);  
Check # 350660 for \$986.00 Filing Fee; and  
Return Postcard

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and are addressed to Mail Stop Patent Application, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.



\_\_\_\_\_  
Robin Leigh

(signature)

*Date Mailed: December 31, 2003*

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EXPRESS MAIL NO:

EV 316375  
**EE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 986

Complete if Known	
Application Number	Applied for Herewith
Filing Date	Herewith
First Named Inventor	WANG, Niniane et al.
Examiner Name	
Art Unit	
Attorney Docket No.	GP-175-26-US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None  
Order Deposit Account:

Deposit Account Number	16-1435
Deposit Account Name	Kilpatrick Stockton LLP

## The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	
1001	2001	770	770
1002	2002	385	
1003	2003	170	
1004	2004	265	
1005	2005	385	
		Reissue filing fee	
		Provisional filing fee	
SUBTOTAL (1)		(\$ 770)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	32	-20 **	=	12	X	18	=	216
Independent Claims	2	-3 **	=	0	X		=	0
Multiple Dependent					X		=	0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee
1202	2202	18 9
1201	2201	86 43
1203	2203	290 145
1204	2204	86 43
1205	2205	18 9
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		** Reissue independent claims over original patent
		** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 216)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	
1051	2051	130 65	Surcharge - late filing fee or oath
1052	2052	50 25	Surcharge - late provisional filing fee or cover sheet
1053	1053	130 130	Non-English specification
1812	1812	2,520 2,520	For filing a request for reexamination
1804	1804	920* 920*	Requesting publication of SIR prior to Examiner action
1805	1805	1,840* 1,840*	Requesting publication of SIR after Examiner action
1251	2251	110 55	Extension for reply within first month
1252	2252	420 210	Extension for reply within second month
1253	2253	950 475	Extension for reply within third month
1254	2254	1,480 740	Extension for reply within fourth month
1255	2255	2,010 1,005	Extension for reply within fifth month
1401	2401	330 165	Notice of Appeal
1402	2402	330 165	Filing a brief in support of an appeal
1403	2403	290 145	Request for oral hearing
1451	1451	1,510 1,510	Petition to institute a public use proceeding
1452	2452	110 55	Petition to revive - unavoidable
1453	2453	1,330 665	Petition to revive - unintentional
1501	2501	1,330 665	Utility issue fee (or reissue)
1502	2502	480 240	Design issue fee
1503	2503	640 320	Plant issue fee
1460	1460	130 130	Petitions to the Commissioner
1807	1807	50 50	Processing fee under 37 CFR 1.17 (q)
1806	1806	180 180	Submission of Information Disclosure Stmt
8021	8021	40 40	Recording each patent assignment per property (times number of properties)
1809	2809	770 385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	2810	770 385	For each additional invention to be examined (37 CFR § 1.129(b))
1801	2801	770 385	Request for Continued Examination (RCE)
1802	1802	900 900	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY					
Name (Print/Type)	Goran P. Stojkovich	Registration No. (Attorney/Agent)	45,841	Telephone	(336) 607-7300
Signature	Goran P. Stojkovich			Date	December 31, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXPRESS MAIL NO:

EV 316 325 297 US

FEE TRANSMITTAL  
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

986

Complete if Known	
Application Number	Applied for Herewith
Filing Date	Herewith
First Named Inventor	WANG, Niniane et al.
Examiner Name	
Art Unit	
Attorney Docket No.	GP-175-26-US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None  
Order
 Deposit Account:Deposit  
Account  
Number

16-1435

Deposit  
Account  
Name

Kilpatrick Stockton LLP

## The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
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1004	2004	385	Reissue filing fee
1005	2005	80	Provisional filing fee
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Multiple Dependent			X				=	0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
SUBTOTAL (2)		(\$ 216)

\*or number previously paid, if greater. For Reissues, see above.

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1802	900	1802 900	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Goran P. Stojkovich	Registration No. (Attorney/Agent)	45,841	Telephone	(336) 607-7300
Signature	Goran P. Stojkovich			Date	December 31, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : WANG, Niniane et al.  
Serial No. : To be Assigned  
Filing Date : Herewith  
For : METHODS AND SYSTEMS FOR REGULATING RESOURCE USAGE

Mail Stop: Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF APPLICATION UNDER 37 CFR 1.41(c)**

Sir:

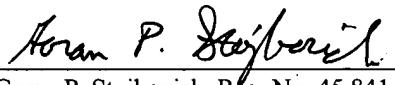
The undersigned attorney hereby makes application for U.S. Letters Patent on behalf of the following Applicants, whose address and citizenship are as follows:

<u>Inventors</u>	<u>Address</u>	<u>Citizenship</u>
Niniane Wang	California	
Stephen Lawrence	California	
Mihai Ionescu	California	

Please address all correspondence and telephone calls in connection with this application to:

Goran P. Stojkovich, Esq.  
Kilpatrick Stockton LLP  
1001 West Fourth St.  
Winston-Salem, NC 27101  
Telephone: (336) 607-7300  
Facsimile: (336) 607-7500

Respectfully submitted,

  
\_\_\_\_\_  
Goran P. Stojkovich, Reg. No. 45,841

Date: December 31, 2003

Kilpatrick Stockton LLP  
1001 West Fourth Street  
Winston-Salem, NC 27101  
(336) 607-7300

EXPRESS MAIL NO:

EV 316 335 291 45

PTO/SB/35 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	WANG, Niniane et al.
Title	Methods and Systems for Regulating Resource Usage
Atty Docket Number	GP-175-26-US

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 31, 2003

Date

*Goran P. Stojkovich*

Signature

(336) 607-7300

Telephone number

Goran P. Stojkovich,  
Reg. No. 45,841

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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